

CLAIMS:

What is claimed is:

1. A film comprising an A/B/A structure, wherein the A layers are skin layers, which may be the same or different, each independently are selected from a blend comprising an mPE having a density of between about 0.910 to 0.940 g/cm³, and the B is a core layer comprising a blend comprising an HDPE and an LDPE.
2. The film according to Claim 1, wherein said mPE has a density of between about 0.915 to 0.940 g/cm³.
3. The film according to Claim 1, wherein at least one of said A layers further comprises at least one resin selected from HDPE, LDPE, and mixtures thereof.
4. The film according to Claim 3, wherein said HDPE has a density of between about 0.940 and 0.970 g/cm³.
5. The film according to Claim 4, wherein said HDPE has a density of between about 0.960 to about 0.965 g/cm³.
6. The film according to Claim 1, wherein the HDPE in said B layer has a density of between about 0.940 and 0.970 g/cm³.
7. The film according to Claim 6, wherein said HDPE has a density of between about 0.960 to about 0.965 g/cm³.
8. The film according to Claim 1, wherein said LDPE has a density of between about 0.916 to 0.935 g/cm³.

9. The film according to Claim 1, wherein said LDPE has a density of between about 0.925 to 0.935 g/cm³.

10. The multilayer film structure according to Claim 1, wherein core layer B comprises 60-90 wt.% LDPE, and 40-10 wt.% HDPE, and skin layers A are each independently selected from a blend comprising 80-100 wt.% mPE, 20-0 wt.% HDPE, and 20-0 wt.% LDPE.

11. The multilayer film structure according to Claim 10, wherein core layer B comprises 70-80 wt.% LDPE, 30-20 wt.% HDPE, and skin layers A are each independently selected from a blend comprising 85-95 wt.% mPE, and 15-5 wt.% HDPE.

12. The multilayer film structure according to Claim 10, wherein said layers A and layer B, when formed into a coextruded structure A/B/A having a total thickness of less than 50 microns, has a 1% secant Modulus MD of at least 400 mPa, and a 1% secant Modulus TD of at least 400 mPa, both measured in accordance with ASTM D882.

13. The multilayer film structure according to Claim 12, having a 1 % secant Modulus MD of at least 500 mPa, and a 1% secant Modulus TD of at least 500 mPa, measured in accordance with ASTM D882.

14. The multilayer film structure according to Claim 12, having a 1% secant Modulus TD of 600 mPa, measured in accordance with ASTM D882.

15. The multilayer film structure according to Claims 10, wherein said layers A and layer B, when formed into a coextruded structure A/B/A having a total thickness of less than 50 microns, has a difference in Gloss 20° and 60° of 2% or less, the Gloss values measured in accordance with ASTM D2457.

16. The multilayer film structure according to Claim 1, further comprising at least one layer between at least one of said A/B layers, said at least one layer selected from the group consisting of a tie layer, a reprocessed material layer, and a layer selected from blends comprising an HDPE and an LDPE.
17. The multilayer film structure according to Claim 1, wherein at least one of said A layers further comprises at least one LDPE resin.
18. The multilayer film structure according to Claim 1, wherein at least one of said A layers further comprises at least one LDPE resin in the amount of from about 1 to about 20 wt.%.
19. The multilayer film structure according to Claim 1, wherein at least one of said A layers further comprises at least one LDPE resin in the amount of from about 2 to about 10 wt.%.
20. The multilayer film structure according to Claim 1, wherein said mPE is an mLLDPE.
21. A coextruded, heat-shrinkable film according to Claim 1.
22. A collation shrink wrapped structure comprising a group of items wrapped by means of a film according to Claim 1.